

**Environmental Restoration (ER) Project  
Cerro Grande Fire  
Accelerated Action Information Sheet**

**Potential Release Site (PRS) 02-008(c)  
Outfall**

*Technical Area (TA)-2, located in Los Alamos Canyon, housed several reactors, including the Omega West and Water Boiler Reactors. The reactors were shutdown, removed from the nuclear facilities list, and placed into the Laboratory's Decontamination and Decommissioning program.*

**PRS History:** PRS 02-008(c) is an outfall that discharged from the basement of Building 2-1, which housed several reactors including the Omega West Reactor. The outfall came into use in 1985, when the drain line from Building 2-1 leading to septic tank Structure 2-43 was disconnected during tank removal activities. The drain line was then joined to a 6-inch pipe leading from a sump that discharged to Los Alamos Creek a few feet downstream from a concrete debris catcher (Structure 3-29). This new line became plugged in 1988 and was abandoned in place. Another drain line was installed from the sump and discharges to the creek west of the earlier line. The primary discharge to the outfall was spring water that infiltrated into the basement of Structure 2-1. Field screening was conducted in 1995. Results showed no detectable concentrations of organic chemicals and no alpha activity above instrument background. Beta/gamma activity was slightly elevated above instrument background. PRS 02-008(c) is not listed on the Hazardous and Solid Waste Amendments module to the Laboratory's Hazardous



Waste Facility permit. The ER Project has not proposed the site for no further action.

**Issues of Concern:** The area upstream of PRS 02-008(c) burned during the Cerro Grande fire. The intensity of upstream burn was low to moderate. The site does not contain debris that could enter the flood watercourse. There are no structures that could interfere with or be impacted by flood mitigation efforts.

**Accelerated Action Status:** PRS 02-008(c) was evaluated after the Cerro Grande fire. ER Project personnel did not recommend any accelerated corrective actions for the site.

**Related Documents:**

"Solid Waste Management Units Reports," Vol. I of IV (TA-0 through TA-9) LANL Report LA-UR-90-3400, revised November 1990.

"RFI Work Plan for Operable Unit 1098 (TA-2, 41)," LANL Report LA-UR-92-3825, June 1993.